

Applicant: Don S. Rawlings
Filed: September 13, 2004
Page 2 of 11

Examiner: Joseph M. Pelham
Serial No.: 10/711,349

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A vehicular mirror system comprising:
an exterior mirror assembly, said mirror assembly including a reflective element for providing a rearward view to an occupant of the vehicle, the reflective element comprising an electrochromic dimming element and at least one dimming element contact for providing electric power to the electrochromic dimming element;
a support member for supporting the reflective element, the support member comprising at least a heater tracing for heating the reflective element and at least one selectively located electric power contact; and
and a power distributor coupled with the support member for distributing power from a single electrical power connector to the at least one selectively located electric power contact and the heater tracing a plurality of functional elements associated with the reflective element;
said power distributor comprising a plurality of electrical leads corresponding to each functional element of said plurality of functional elements of the electrochromic dimming element and the heater tracing, said plurality of functional elements comprising at least two functional elements selected from the group consisting of a dimming device, a heater and a turn signal; and
wherein the at least one selectively located electric power contact is coupled with the at least one dimming element contact when the support member is brought into aligned contact with the reflective element so that power is selectively provided to the electrochromic mirror dimming element and the heater tracing wherein said power distributor comprises at least one power lead for operative connection of the power distributor to an onboard power supply of the vehicle.
2. (Cancelled)

Applicant: Don S. Rawlings
Filed: September 13, 2004
Page 3 of 11

Examiner: Joseph M. Pelham
Serial No.: 10/711,349

3. (Currently Amended) A vehicular mirror system in accordance with claim 21, wherein the support member comprises an electrical power connector is adapted to be interconnected with an onboard power supply of the vehicle.

4. (Previously Presented) A vehicular mirror system in accordance with claim 3, wherein the electrical power connector comprises a ribbon cable.

5. (Currently Amended) A vehicular mirror system in accordance with claim 1, wherein the exterior mirror assembly ~~said plurality of functional elements~~ comprises a dimming device ~~and further comprises~~ a turn signal.

6. (Cancelled)

7. (Cancelled)

8. (Currently Amended) A vehicular mirror system in accordance with claim 71, wherein the heater tracing comprises an array of conductive elements which abut the reflective element.

9. (Currently Amended) A vehicular mirror system in accordance with claim 45, wherein ~~one of the plurality of functional elements~~ comprises ~~the~~ turn signal which abuts the reflective element.

10. (Cancelled)

11. (Cancelled)

Applicant: Don S. Rawlings
Filed: September 13, 2004
Page 4 of 11

Examiner: Joseph M. Pelham
Serial No.: 10/711,349

12. (Previously Presented) A vehicular mirror system in accordance with claim 1, wherein the power distributor comprises a planar member having a periphery in register with the periphery of at least one of a reflective element carrier and the reflective element.

13. (Cancelled)

14. (Cancelled)

15. (Currently Amended) A vehicular mirror system in accordance with claim 141, wherein the heater tracing comprises an array of conductive material associated with the power distributor and corresponding to an effective imaging area of the reflective element, and wherein the array of conductive material is operatively connected to thea first one of the plurality of electrical power leads.

16. (Currently Amended) A vehicular mirror system in accordance with claim 145, wherein ~~said plurality of functional elements comprises a turn signal and wherein the power distributor comprises a second one of the plurality of electrical power leads operatively interconnected to the turn signal.~~

17. (Currently Amended) A vehicular mirror system in accordance with claim 16, wherein the second one of the plurality of electrical power leads is operatively interconnected to the turn signal via an array of conductive material associated with the power distributor.

18. (Currently Amended) A vehicular mirror system in accordance with claim 16, wherein the power distributor comprises a third one of the plurality of electrical power leads operatively interconnected to the reflective elementelectrochromic dimming deviceelement.

Applicant: Don S. Rawlings
Filed: September 13, 2004
Page 5 of 11

Examiner: Joseph M. Pelham
Serial No.: 10/711,349

19. (Currently Amended) A vehicular mirror system in accordance with claim 18, wherein the third one of the plurality of electrical power leads is operatively interconnected to the ~~reflective element~~electrochromic dimming device element via an array of conductive material associated with the power distributor.

20. (Currently Amended) A vehicular mirror system in accordance with claim 18, wherein the electrical power connector operatively interconnects the first, second, and third power electrical leads with the onboard power supply of the vehicle.